ORAZNETOV, Z.; GORELKIN, L.M.; POTYAYEV, M.Ye.; ZARUDI, Ye.O., metodist; MITEHEV, V.S.; VASIL'TEV, A.V.; GORSHENKOV, N.G.; RUTKOVSKIY, O.O.; KUSYAPKUTOVA, T.Sh. Letters to the editors. Geog. v shkole 22 no.2:72-76 Mr-Ap 159. (MIRA 12:6) 1. 1-ya shkola pos. Andreyevka Turkmenskoy SSR (for Orazmetov). 2. Shkola pri shakhte No.11 Karachayevskogo rayona Stavropol'skogo kraya (for Gorelkin). 3. Andreyevskaya semiletnyaya shkola Penzenskoy oblasti (for Potyayev). 4. Bashkirskiy institut usovershenstvovaniya uchiteley (for Zarudi). 5. Rayonnyy pedagogicheskiy kabinet s.Kich-Gorodok Vologodskoy oblasti (for Miteney). 6. Alekseyevskaya shkola Stalingradskoy oblasti (for Vasil'yev).

> g.Alma-Ata (for Kusyapkulova). (Geography -- Study and teaching)

7. Yakhromskaya shkola No.2 Moskovskoy oblasti (for Gorshenkov). 8. 4-ya shkola g.Alma-ata (for Rutkovskiy). 9. 64-ya shkola

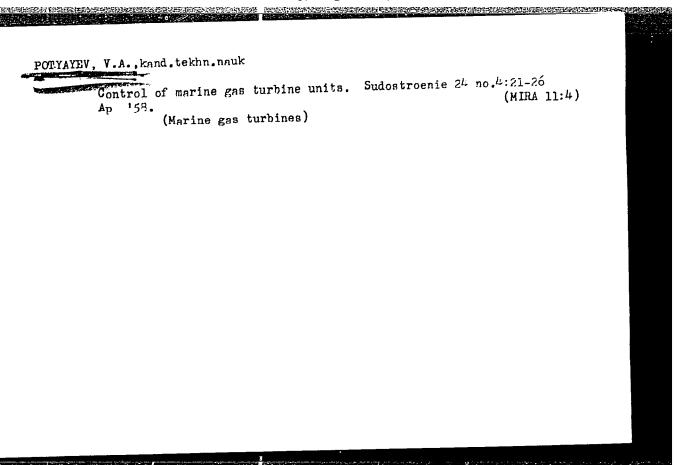
KURZON, Ananiy Grigor'yevich, doktor tekhn.nauk, prof.; LITAVRIN, Oleg Grigor'yevich, inzh.; PETROV, Yevgeniy Valerianovich, inzh.; FOTYAYEV, Vyacheslav Andreyevich, kand. tekhn.nauk; KHOROZYANTS, Aleksandr Georgiyevich, kand. tekhn nauk; CHERTKOV, Aleksandr L'vovich, Laureat Leninskoy premii; YUTKEVICH, Rostislav Mikhaylovich, inzh.; MOISTYEV, A.A., doktor tekhn.nauk, prof., retsenzent; MASLOV, A.A., kand. tekhn.nauk, dots., retsenzent; ZAYTSEV, Yu.I., kand. tekhn.nauk, retsenzent; KOZHEVNIKOV, A.V., kand. tekhn.nauk, retsenzent; GITEL'MAN, A.I., inzh., retsenzent; SMIRNOV, Yu.I., red.; TSAL, R.K., tekhn. red.

[Marine steam and gas turbines] Sudovye parovye i gazovye turbiny. Pod red. A.G.Kurzona. Leningrad, Sudpromgiz.
Vol.2. [Systems and working principle of turbomachinery units]
Sistemy i ustroistva turboagregatov. 1962. 419 p.

(MIRA 15:11)

(Marine turbines)

### "APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342"



POTYAYEV, V. A.

# PHASE I BOOK EXPLOITATION

SOV/6240

Kurzon, Ananiy Grigor' yevich, Oleg Grigor' yevich Litavrin, Yevgeniy Valerianovich Petrov, Vyacheslav Andreyevich Potyayev, Aleksandr Georgiyevich Khorozyants, Aleksandr L'vovich Chertkov, and Rostislav Mikhaylovich Yutkevich

Sudovyye parovyye i gazovyye turbiny. tom. 2: Sistemy i ustroystva turboagregatov (Marine Steam and Gas Turbines. v. 2: Systems and Devices of Turbine Units). Leningrad, Sudpromgiz, 1962. 419 p. Errata slip inserted. 5000 copies printed.

Ed. (Title page): A. G. Kurzon, Doctor of Technical Sciences, Professor; Reviewers: A. A. Moiseyev, Doctor of Technical Sciences, Professor, Yu. I. Zaytsev, Candidate of Technical Sciences, Docent, A. I. Gitel man, Engineer, L. A. Maslov, Candidate of Machical Sciences Candidate of Technical Sciences; Ed.: Yu. I. Smirnov; Tech. Ed.: R. K. Tsal.

card 1/0

5/0000/64/000/000/0076/00086

ACCESSION NR: AT4042439

TITLE: Analysis and synthesis of relay control systems in shipboard power plants AUTHOR: Potyayev, V. A.

SOURCE: Vsesoyuznoye soveshchaniye po pnevmo-gidravlicheskoy avtomatike. 5th, Leningrad, 1962. Pnevmo- i gidroavtomatika (Pneumatic and hydraulic control); materialy\* soveshchaniya. Moscow, Izd-vo Nauka, 1964, 76-86

TOPIC TAGS: automatic control, control system, gas turbine, marine transmission, relay system, power plant, shipboard power plant, marine engine, pneumatic control system, hydraulic control system, pneumatic relay

ABSTRACT: The author notes that the overall automation of power plants on ships, together with the development and expansion of the area of applicability of continuous operation systems, presupposes automating the actions of the servicing personnel in the issuance of discrete commands. He argues that, in view of the high reliability of pneumatic and hydraulic discrete-action devices under shipboard conditions and because of the direct connection of the relay control system with the continuous-action regulatory system (in most cases — hydraulic or pneumatic), it is advisable to have a unified hydraulic or Card 1/4

ACCESSION NR: AT4042439

pneumatic control system for the entire installation. In the present article, the author attempts to apply the theory of relay-contact arrangements to the solution of problems in the synthesis and analysis of relay systems using pneumatic and hydraulic automatic components, with attention to the specific characteristics of these elements. Specifically considered, by way of illustration, is a relay control system for the reversing mechanism of a ship's gas-turbine unit with a toothed reversal transmission. In his discussion of the actual design of the relay systems using hydro- and pneumo-automation components. the author underscores the general applicability to this problem (in which, in effect, there are only two states: "on" and "off") of all the laws of logical algebra. General principles and arrangements of control elements are discussed, and on this basis both an analysis of developed relay control systems and a rational synthesis of these systems are made. The first example considered involved the analysis of the basic automatic control diagram of the couplings of the power transmission shown in the Enclosure. A second, and more complex, example concerns the reversal and blocking arrangement for the fuel system of a shipboard gas-turbine installation. The examples of the analysis and synthesis of pneumatic relay control systems given in the article confirm the feasibility

Card  $^{2/4}$ 

### "APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001342

of constructing rather complex pneumatic relay systems for the control of highly developed facility systems. The further development of pneumo- and hydro-systems in terms of the use of more advanced equipment (H-circuits, balanced circuits, valve elements, etc.),

of the type already employed in electrical relay systems, will permit the solution of of the type arroady employed in electrical relay systems, will permit the solution of almost any control problem with a minimum number of components. Orig. art. has:

4 tables and 15 figures.

ASSOCIATION: none

ENCL: 01

SUBMITTED: 29Jan64

SUB CODE: IE, PR

NO REF SOV: 003

OTHER: 000

 $Cord^{3/4}$ 

#### "APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001342

POTYAYEV, V. A.

"Study of Nautical Gas Turbine Power Flants as Controllable Units." Leningrad Ship Building Inst., Leningrad, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnava Letopis', No. 22, 1955, pp 93-105

# POTYAYEV, V.A.

Prospects for the utilization of pneumatic automation equipment in automatic control systems on ships. Trudy LKI no.32:77-86 '60. (MIRA 15:2)

1. Kafedra avtomaticheskogo regulirovaniya i teplotekhnicheskikh izmereniy Leningradskogo korablestroitel'nogo instituta.

(Automatic control)(Marine engineering)

# "APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

ACC NO AMERICA	· · · · · · · · · · · · · · · · · · ·			
ACC NR: AT6021745	(N)	SOURCE CODE:	UR/0000/66/000/000/0203	/0210
AUTHOR: Potyayev, V. A.;	Stegalichev,	Yu. G.		
ORG: none	•			
TITLE: Use of pneumatic d	evices in the	regulation, con-	trol and protection of shi	.p-
SOURCE: AN SSSR. Institut automation). Moscow, Izd-v	avtomatiki i o Nauka, 1966,	telemekhaniki. I , 203-210	Pnevmoavtomatika (Pneumati	.c
TOPIC TAGS: pneumatic dev pressure measurement, pres plant, power plant compone		servomechanism, instrument, aut	, pneumatic control system tomatic pneumatic control,	, power
ABSTRACT: The functions of turbine power plant are as a logic system controlling power plant, controlling the of the starter once the star given stationary load on the process of fuel feed; e) re phic changes in parameters;	the feed lines ne ignition of arting process ne power plant	s and auxiliary the fuel, meter has been comple ; d) maneuvering	starting the power plant mechanisms; b) starting the ing the fuel and the turn- ted; c) fuel metering for in accordance with an op-	using he
Card 1/2				
**************************************		and the second control of the second control		i
		<u> </u>		

#### "APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

ACC NR: AT6021745

and deactivating the auxiliary mechanisms and systems. The system's pneumatic components include an rpm transducer, based on force balance, capable of measuring up to 700 rpm; a manometer, using a spring balanced diaphragm; a piston type prime mover, operating on differential pressure, and intended to be used as a servo drive; a pneumoelectric transducer (a pressure sensitive switch, that can be adjusted for actuation at a desired pressure); and an electropneumatic transducer, which opens and closes pneumatic control valves in response to electric signals. Each of these devices is explained in drawings and schematic diagrams. Orig. art. has: 8 figures.

SUB CODE: 13,14,21/ SUBM DATE: 03Feb66/ ORIG REF: 004

Card 2/2

GORB, T.V. [Horb, T.V.], doktor sel'skokhoz.nauk; TERESHCHENKO, F.K., kand.biolog.nauk; BOGAYWSKIY, O.T. [Bohaievs'kyi, O.T.], kand. veterin.nauk; POTYRMKIE, M.D. [Pot omkin, M.D.] akademik; KNIGA, M. I. [Knyha, M. I.]; POPOV, O.Ya., kand.sel'skokhoz.nauk; KHMELIK, G.G. [Hmelyk, H.H.], kand.sel'skokhoz.nauk; SHRAM, I.P., kand.sel'skokhoz.nauk [deceased]; KOPIL, A.M., kand.sel'skokhoz. nauk; TSELYUTIN, V.K., kand.sel'skokhoz.nauk; BOZHKO, P.Yu., doktor sel'skokhoz.nauk; KROMIN, S.S., kand.sel'skokhoz.nauk; ZEMLYANSKIY, V.M. [Zemlians'kyi, V.M.], kand.sel'skokhoz.nauk; BORISENKO, A.M. [Borysenko, A.M.], kand.biolog.nauk; ZAKHARENKO, V.B., kand.biolog. nauk; SMIRNOV, I.V. [Smyrnov, I.V.], kand.biolog.nauk; KHRABUSTOVSKIY, I.F. [Khrabustovs kyi, I.F.], kand biolog nauk; TORSTYANETSKAYA, M.N., [Trostianets ka, M.N.], assistent; ALESHKO, P.I., inzh.; VASIL'YEV, Vasyl'iev, O.F., kand.tekhn.nauk; BUGAYENKO, I.I. [Buhaienko, I.I.], starshiy prepodavatel; TRAKHTOMIROVA, O.O., kand.ekonom.nauk; BUTKO, S.D., kand.ekonom.nauk; TELESHIK, K.G. [Teleshyk, K.H.], doktor ekonom.nauk; YAROSHENKO, V.D., kand.ekonom.nauk; LISIY, I.Y. [Lysyi, I.I.], red.; YEROSHENKO, T.G. [IEroshenko, T.H.], tekhn.red.

[Handbook for zootechnicians] Dovidnyk zootekhnika. 2., dopovnene i poreroblene vyd. Kyiv, Derzh.vyd-vo sil's kohospodars koi lit-ry URSR, 1960. 728 p. (MIRA 15:2)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I. Lenina (for Potemkin). 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Kniga). (Stock and stock breeding)

#### "APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342"

PCTYLE KIN, P. S.

30339

Uravnveniye dlya opryedyelyeniya usadochnykh svorstv kyeramichyeskikh mass i tego praktichyeskoye primyenteniye. Trudy kyeram. in-ta vyp. 22, 1949, s. 36-39

SG: LETCPIS' No. 34

USSR/Diseases of Farm Animals - Diseases Caused by Helminths.

Arachno-Entoms.

 $\mathbf{R}$ .

Abs Jour

: Ref Zhur - Biol., No 6, 1953, 26348

Author

: Potyemkin, V.I.

Inst

: All-Union Scientific Research Institute of Veterinary

Sanitation and Ectoparasitology.

Title

: Application of Methoxychlor in Hypodermatinosis (Warble Fly /Tnfestation) of Large Horned Cattle.

A Preliminary Report.

Orig Pub

: Tr. Vses. n.-i. in-ta vet. sanitarii i ektoparasitol.,

1957, 11, 171-172

Abstract

: Observations were made which showed that a seven percent oily solution of methoxyxhlor fatally affects

warble fly larvae which are found under the skin of

animals.

Card 1/1

3/

POTYKEVICH, I.V. [Potykevych, I.V.]; CHEPURA, S.V. [Chepura, S.V.]

Electric properties of the ternary semiconducting compound CdIn<sub>2</sub>Te<sub>4</sub>. Ukr. fiz. zhur. 8 no.8:889-893 Ag '63.

(MIRA 16:11)

1. Chernovitskiy gosudarstvennyy universitet.

ACCESSION NR: AR4014767

s/0058/63/000/012/E063/E063

SOURCE: RZh. Fizika, Abs. 12E537

AUTHOR: Poty\*kevich, I. V.

TITLE: Magnetic susceptibility of cadmium telluride

CITED SOURCE: Nauchn. yezhegodnik za 1959 g. Chernovitsk. un-t. Fiz.-matem. fak. Chernovtsy\*, 1960, 599-600

TOPIC TAGS: cadmium telluride, magnetic susceptibility, magnetic balance, vacuum magnetic balance

TRANSLATION: The magnetic susceptibility of single crystals of CdTe, grown by the Bridgman method, was determined with the aid of a vacuum magnetic balance in the temperature interval from room to 500C. The magnetic susceptibility of the purest samples turned out to be independent of the temperature and equal to 0.39 x  $10^{-6}$  cgs

Card 1/2

ACCESSION NR: AP3006821

s/0185/63/008/008/0889/0893

AUTHOR: Poty\*kevy\*ch, I. V.; Chepura, S. V.

TITLE: Electrical properties of the ternary semiconducting compound CdInoTell

SOURCE: Ukrains'ky\*y fizy\*chny\*y zhurnal, v. 8, no. 8, 1963, 889-893

TOPIC TAGS: semiconductor property, ternary semiconducting compound, cadmium-indium-tellurium semiconducting compound, cadmium-indium sub 2 tellurium sub 4, transport phenomena, thermal EMF, forbidden zone width, electrical conductivity

ABSTRACT: Temperature dependences of electrical conductivity and thermal E.M.F. were measured for  $CdIn_2Te_{\downarrow}$  monocrystals from liquid air temperatures to 350C. The samples were grown from mixtures of CdTe and  $In_2Te_2$ , and were n-type. The effect of annealing on the stability of the characteristics  $\sigma(T)$  and  $\sigma(T)$  was studied. The width of the forbidden zone was found to be 1.0 eV. Sharp maxima are found on the  $\sigma(T)$  curves in the temperature range of 120-250 C, Orig. art. has 2 figures and 1 table.

ASSOCIATION: Chernivets'ky\*y Derzhuniversy\*tet (Chernivets'ky\*y State University)

Card 1/2

Some properties of solid solutions based on gallium phosphide.
V. V. Nezreskul, S. I. Radautsan, I. K. Takhtareva (10 minutes).

Some electrical, optical, and magnetic properties of the ternary semiconducting compound CdIngTeh. I. V. Potykevich, O. I. Belyayev, S. V. Chepura (10 minutes).

Report presented at the 3rd National Conference on Semiconductor Compounds, Kishinev, 16-21 Sept 1963

Magnetic properties of semiconductors. K. J. Tovstyck. This presentation consisted of the following papers: · Anisotropy of susceptibility of/semiconductors. K. D. Tovstyuk, E. I. Siynko, I. M. Stakira, G/M. Boretz. Magnetic and thermomagnetic properties of HgTe, PbTe, HgSe, PbSe. K. D. Tovstyuk, M. P. Gavaleshko, Ya. S. Budzhak, P. M. Starik, P. I. Voronyuk. ₩. Potykevich, Magnetic susceptibility of CdTe and InTe. A. V. Savitskiy. Magnetic properties of the system HgTe-CdTe. K. D. Tovstyuk, I. M. Rarenko, I. V. Potykevich. Anisotropy of the thermal conductivity of CdSb. I. M. Pilat, L. I. Anatychyuk. Electrical, magnetic, and optical properties of the system In2Teq-CdTe. I. V. Potykevich, A. I. Belyeyev, S. V. Chepura. Properties of crystals of Cass doped with elements of groups IV and VI. i. X. illici. li vara una grandi ka and the bloom in breaking and a control of the miction brings and by

POTYKEVICH, I.V.; BEIXAYEV, O.N. [Bilialev, O.M.]

Some optical properties of the ternary semiconducting compound CdIn2Te<sub>4</sub>. Ukr. fiz. zhur. 8 no.9:967-969 S <sup>1</sup>63.

(MIRA 17:8)

1. Chernovitskiy gosudarstvennyy universitet.

POTYENVIOR, I.V. [Potyacvych, I.V.]; CAVARDENIA, I.V. (discepted as, i.v. alarmed and ptibility of the system dife - dg., der. i.m. white on all 1274-1276 f T.A. (II.A 17.9)

1. Chernovitskiy gesakuratvennyy universitet i Dragittusky pedagogichesky institut.

ACC NR. ARGO25760

SOURCE CODE: UR/0058/66/000/004/A075/A075

AUTHOR: Potykevich, I. V.; Belyayev, O. M.; Chepura, S. V.

TITLE: Growing of single crystal CdTe, IngFe3, and CdIngTe, and of single crystals of CdTe-In2Te3 solid solutions, and some of their physical properties

SOURCE: Ref. zh. Fizika, Abs. 4A633

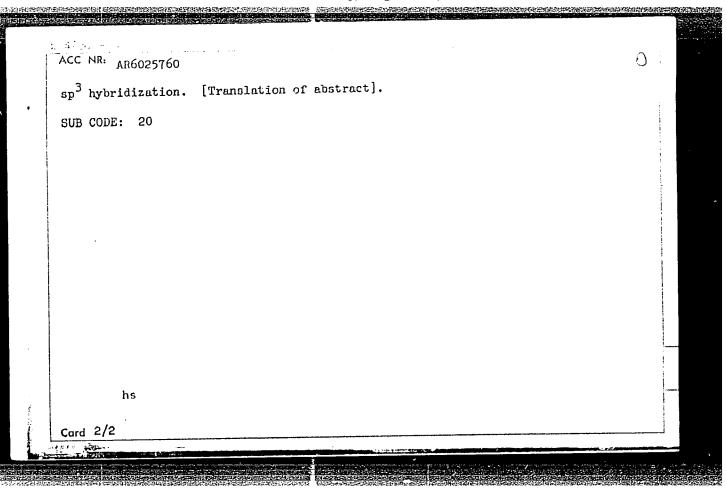
REF. SOURCE: Sb. Simpozium. Protsessy sinteza i rosta kristallov i plenok poluprovodnik. materialov, 1965. Tezisy dokl. Novosibirsk, 1965, 29-30

TOPIC TAGS: single crystal growing, cadmium containing alloy, tellurium containing alloy, indium containing alloy, iron containing alloy, solid solution

ABSTRACT: Results are presented of a comprehensive study of the production conditions, structure, and physical properties of binary compounds CdTe and IngTe and of solid solutions on their basis. > Questions dealing with the choice of optimal temperature regimes for single-crystal growth are considered. Of very great importance for the CdTe-In<sub>2</sub>Te<sub>3</sub> system is the choice of the most effective method of homogeneization of the solid solutions. Particular attention is paid to synthesis and growth of crystals of the ternary semiconductor compound CdIn2Te4, which is obtained via a peritectic reaction in the investigated system and is a compound of the type  $\Delta E_2 X_h$  with

Card 1/2

## "APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342"



ACC NR. 12030496

SOURCE CODE: UR/0275/66/000/006/B015/B015

AUTHOR: Potykovich, I. V.; Belyayev, O. M.; Chepura, S. V.

TITLE: Growing CdTe, In2Te3, CdIn2Te4 single crystals and CdTo-In2Te3 solid-solution

single crystals and somo of their physical proporties

SOURCE: Ref. zh. Elektronika i yeyo primeneniye, Abs. 6B100

REF SOURCE: So. simpozium. Protsessy sinteza i rosta kristallov i plenok poluprovodnik. matelialov, 1965. Tezisy dokl. Novosibirsk, 1965, 29-30

TOPIC TAGS: single crystal growing, semiconductor single crystal

ABSTRACT: An investigation of electrical, thermoelectric, magnetic, and photooptical properties has permitted conducting and controlling the process of synthesis and growing CdTe and In Te3 single crystals and solid solutions based on them. X-ray diffraction data corroborated by the results of thermal analysis and microstructural study has pointed up to a formation of solid solutions in the CdTe-In2Te2 system. Optimal temperature conditions for single-crystal growing are selected. The most efficient methods of homogenization of solid solutions, particularly in  ${\rm In_2Te_5}$ -rich alloys, are very important in handling the CdTe- ${\rm In_2Te_3}$  system. Special attention is paid to the synthesizing and growing the crystals of a little-known triple semiconductor compound CdIn2Te4 which comes from a peritectic reaction in the above system and which belongs with the type  $AB_2X_4$  compounds with  $SP^3$ -hybridization. I. P. and others . [Translation of abstract]

SUB CODE: \$

Card1/1

UDC: 621.315.592:548.552:541.412

	L 18880-66 EWT(1)/EWT(m)/EWP(t) IJP(c) AT/JD  ACC NR: AP6007802  SOURCE CODE: UR/0185/66/011/002/0219/0221  AUTHOR: Bilyayev, O. M.; Lyubchenko, O. V.; Potykevych, I. V.  ORG: Institute of Semiconductors, AN URSR, Kiev (Instytut napivprovidnykiv AN/S  TITLE: New high-sensitivity photoconductor CdIn2Te.  SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 2, 1966, 219-221	
on mes Ct si si si	TOPIC TAGS: photoconductivity, cadmium compound, optic transmission, forbidden band, electric conductivity, temperature dependence  ABSTRACT: Although CdIn <sub>2</sub> Te <sub>4</sub> has been synthesized and its semiconductor properties discovered some time ago, no measurements of its photoelectric properties have been made before. The authors synthesized six n-type single crystals of this substance, soveshchaniya po rostu kristallov [Abstracts of Papers of the 3rd Conference on crystal Growth], Moscow, AN SSSR, 1963, p. 58). The transmission and photoconductivity spectrum were measured with a monochromator (IKS-12). The photocurrent ide than in the long-wave side. The width of the forbidden band, as determined and 1/2	
	Card 2/2 D	

L 18880-66

ACC NR: AP6007802

agreement with results by others. Change in temperature from -150 to 25C does not change the shape of the spectrum, but shifts it towards shorter wavelengths. The dark conductivity increases with increasing temperature. However, the width of the forbidden band determined from the plot of the dark photoconductivity against the reciprocal of the temperature (0.83-0.85) is lower than obtained from the photocurrent curve. All crystals had a slightly sublinear lux-ampere characteristic,  $\sigma \sim L^{\alpha}$ , with  $\alpha = 0.9$  at -1500 and  $\leq 0.7$  at 250. It is concluded that CdIn<sub>2</sub>Te<sub>4</sub> can be regarded as a new highly sensitive photoconductor with a few interesting properties. The authors thank V. YE. Lashkar'ov (Lashkarev) and M. K. Sheynkman for interest in the work and advice. Orig. art. has: 2 figures. OTH REF: 003

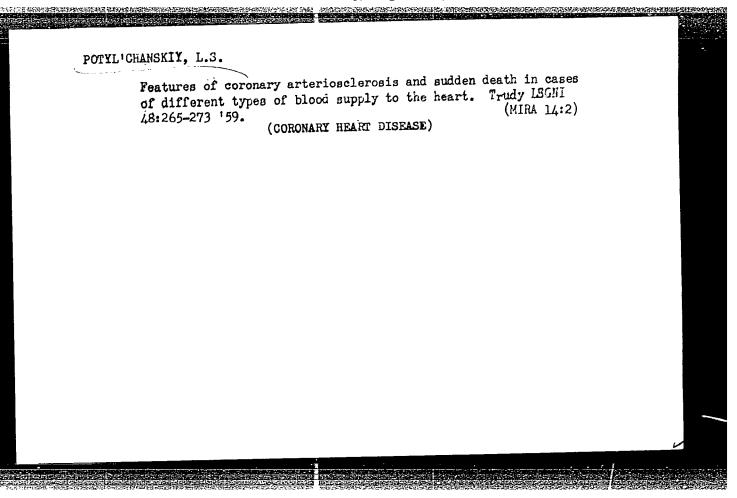
ORIG REF: 004/ SUBM DATE: 13Sep65/ SUB CODE: 20/ ATD PRESS:4217

#### POTYL! CHANSKIY, L.S.

Significance of collateral cardiec circulation as factor in sudden death in coronary atherosclerosis. Trudy LSGMI 40: 159-176 '58. (MIRA 12:8)

1. Kafedra sudebnoy meditsiny Leningradskogo sanitarnogigiyenicheskogo meditsinskogo instituta (zav.kafedroy prof.A.V.Vel'ter).

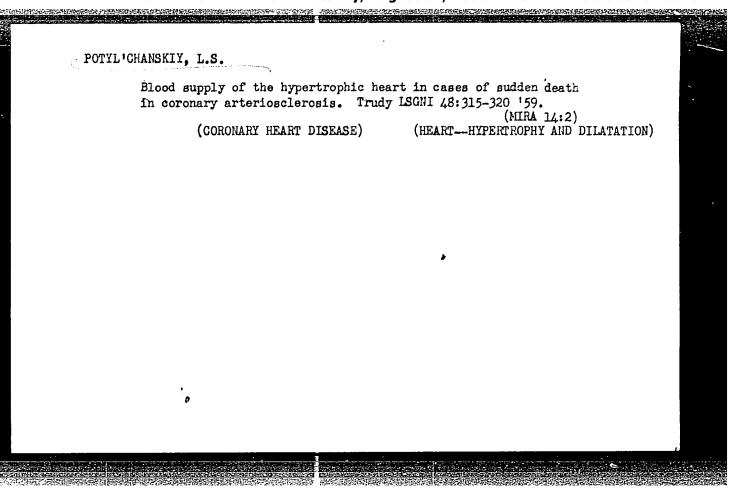
(CORONARY DISEASE, physiology, arteriosclerosis, collateral circ. in sudden death (Rus))

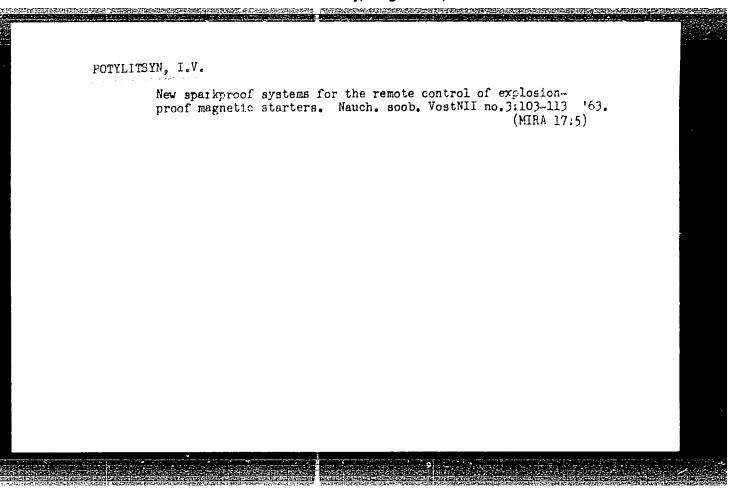


ALEKSANDROV, E.P.; POTYL'CHANSKIY, L.S.

Prevention of sudden death in hypertension and atherosclerosis.
Sud.-med. ekspert. 4 no.3:7-10 Jl-S '61. (MIA 14:10)

1. Kafedra sudebnoy meditsiny (zav. - prof. A.V.Val'ter) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(HYPERTENSION) (ARTERIOSCLEROSIS)
(DEATH—CAUSES)





#### "APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTTLITSYN, I.V., inem.; B. TERRO, i.F., inch.

Frotaction of lectric notors in mines against irregular wiking conditions. z wys,uchebslav.; gor, zhur. 6 no. 12:164.167 (63. (M.RA 17:5))

1. Vostochnyy nauchno-issiedovatel'skiy institut porbezopasnosti rabot v gornoy promyshlennonti.

#### "APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342"

POTYLITSYN, N.M., glavnyy inzhener

Hauling tree-length logs. Mekh.trud.rab.9 no.8:34-37 Ag'55.

1. Kombinat Zabaykalles.

(Lumber--Transportation) (Fork lift trucks)

S/020/60/132/01/19/064 B014/B014

AUTHORS: Yablonskiy, S. V., Gil'man, A. M., Kotel'nikov, I. V., Potylitsyn, P. M.

TITLE: A Device for Studying the Control Algorithms of Traffic

FERIODICALT Doklady Akademii hauk-SSE, 1960, Wor. 132, No. 1, pp. 78-81

TEXT: By way of introduction, the authors refer to an investigation carried out by V. V. Korobkov at Moskovskiy gosudarstvennyy universitet (Moscow State University) in which it is shown that automatons for traffic regulation, which meet the requirements of modern traffic, are very complicated. It was necessary to build a device for the proper choice of control algorithms. Such a device was designed at Gor'kovskiy gosudarstvennyy universitet (Gor'kiy State University), and its mode of operation is described in the article under review. University), and its mode of operation is described in the article under review. First, the main elements of traffic on a crossroad are explained, and the first, the main elements of traffic on a crossroad to the direction and traffic itself is divided into three groups according to the direction and change in direction on the crossroad. Furthermore, the geometric conditions and the control algorithm are referred to as being the main elements of traffic on a crossroad. Here, the six control algorithms shown in Fig. 1 are discussed,

Card 1/2

......

A Device for Studying the Control Algorithms of Traffic

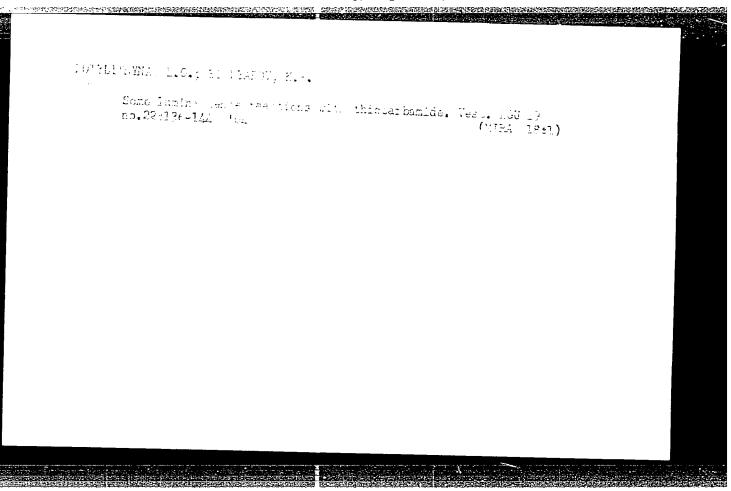
\$/020/60/132/01/19/064 B014/B014

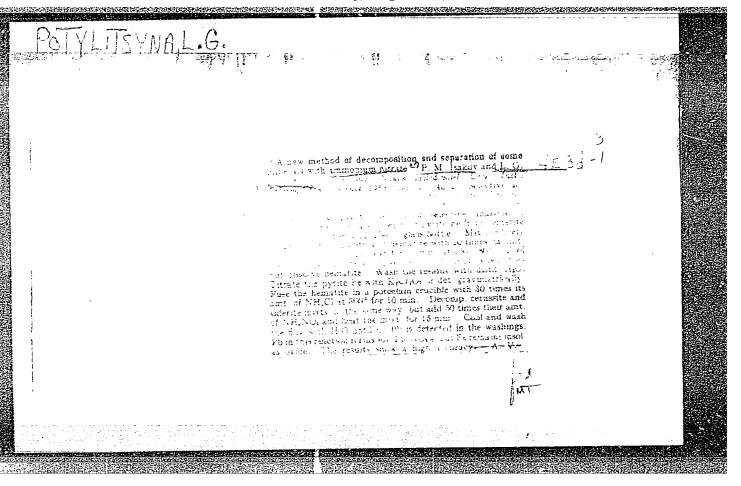
each of which is assumed to hold for some time. In order to be able to observe the traffic with a given control algorithm, the device mentioned above was built. The authors chose a type of crossroad at which two two-way roads meet, and it was assumed that regulation be carried out by means of a four-point traffic light. The control circuit is illustrated in Fig. 2. Random traffic events are simulated here by means of eight buzzer generators which indicate the vehicles approaching the crossroad by emitting pulses. Eight counters count the vehicles which are indicated by fifteen lights. The control algorithm is realized by a special programing device. The codes are transformed by a device which also processes information. Digital computers may be used for these two devices. The observer's desk is shown in Fig. 3. There are 3 figures.

ASSOCIATION: Issledovatel'skiy fiziko-tekhnicheskiy institut Gor'kovskogo gosudarstvennogo universiteta im. N. I. Lobachevskogo (Research Institute of Physics and Technology of Gor'kiy State University imeni N. I. Lobachevskiy)

PRESENTED: October 3, 1959, by M. V. Keldysh, Academician

SUBMITTED: September 24, 1959 Card 2/2





THE PARTY OF THE P

Peryhitsyna, L. 6

USSR/ Analytical Chemistry. Analysis of Inorganic G-2 Substances.

Abs Jour: Referat. Zhur.-Khimiya, No. 8, 1957, 27207.

Author : P.M. Isakov, L.G. Potylitsyna.

Inst : All-Union Scientific Research Institute of

Geology.

Title : Determination of Sulfate, Elementary and Sulfide

Sulphur in Pyrites.

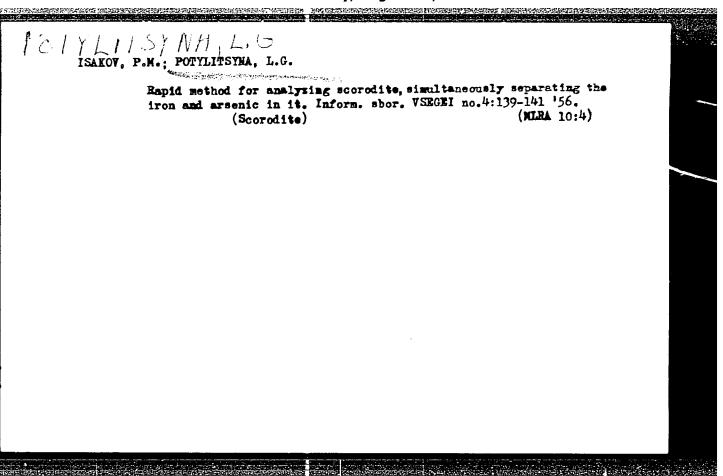
Orig Pub: Inform. sb. Vses. n.-i. geol. in-ta, 1956, No. 3,

137 - 139.

Abstract: The method of determination of elementary sulphur

in presence of sulfide sulphur was improved. The elementary S is transferred into S<sub>2</sub>O<sub>3</sub><sup>2</sup> by heating the sample containing elementary and sulfide S at 140° (1 hour) together with a 10-fold excessive

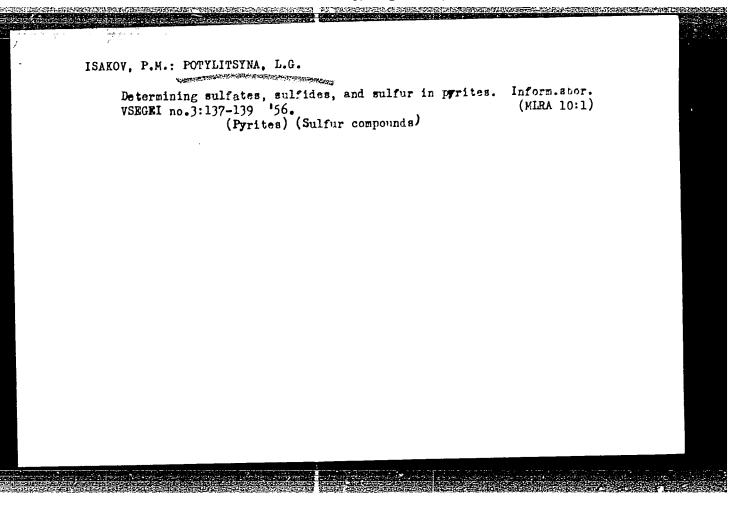
Card 1/2

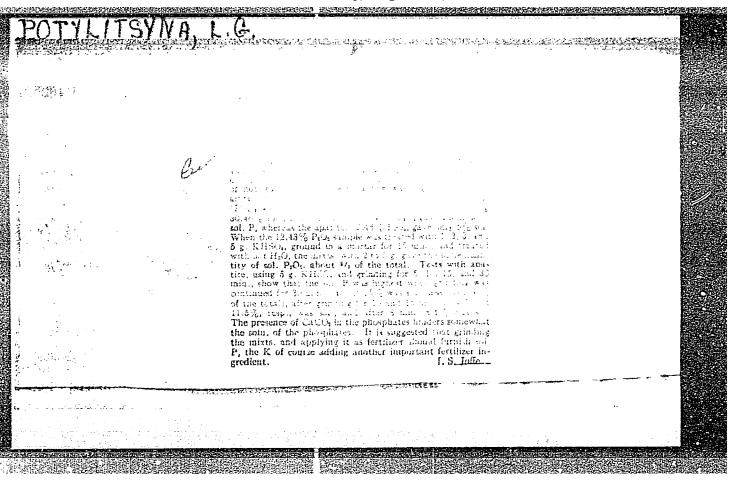


ISAKOV, P.M.; POTYLITSYNA, L.G.

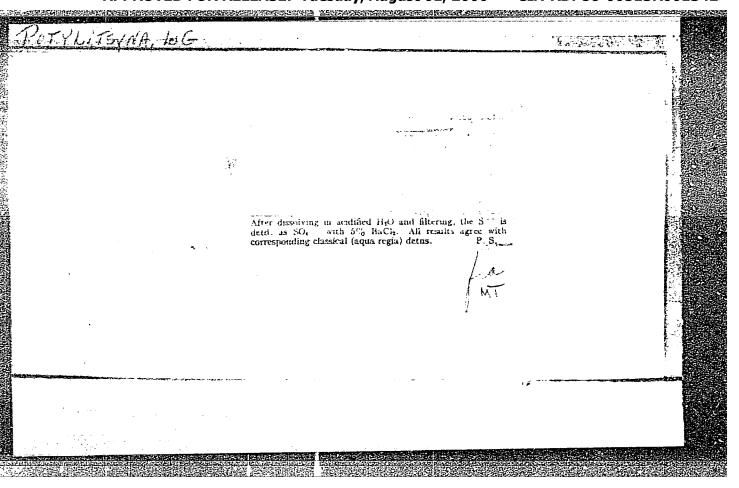
Possibility of getting combined phosphorus-potassium fertilizers from phosphorites by grinding. Vest. Len. un. 11 no.24:89-93 '56. (MLRA 10:2)

(Phosphorites) (Pertilizers and manures)





ISAKOV, P.M.; POTYLITSYNA, L.G.	
New method for the decomposition and splitting of minerals by means of ammonium nitrate. Inform.sbor. VSEGEI no.1:140-142 55.  (MLRA 9:12)	
(Ammonium nitrate) (Mineralogy, Determinative)	
	:



POTHLITSYNA, L.G.

15-57-7-9488

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,

p 109 (USSR)

AUTHORS:

Isakov, P. M., Potylitsyna, L. G.

TITLE:

The Determination of the Sulfate; Elemental, and Sulfide Forms of Sulfur in Pyrites (Opredeleniye

sul'fatnoy, elementarnoy i sul'fidnoy sery v piritakh)

PERIODICAL:

Inform. sb. Vses. n.-i. geol. in-t, 1956, Nr 3,

pp 137-139:

ABSTRACT:

A modified form of the method of Gurova and Bolotinikov (Zh. Rezinovaya prom-st', 1933, Nr 6) was used for determining elemental S. The essentials of the technique are given. A sample of pulverized pyrite is placed in a porcelain dish. A quantity of solid sodium sulfite, 10 times that of the sample, is added to the pyrite. The mixture is ground with a pestle, placed in a test tube, covered with a thin layer of Na2SO4, and heated at 140° for one hour. After it has cooled, the contents of the test tube are transferred by warm water

Card 1/2

POTYNSKI, Jan

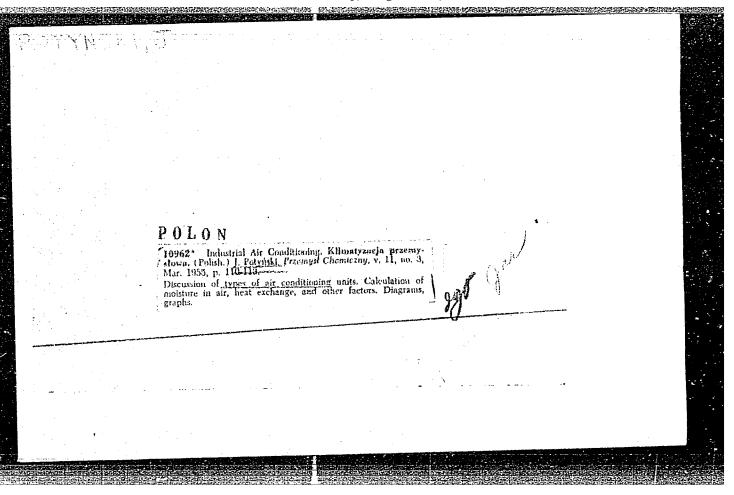
The possibilities for the increasing of electric power production in plants of the chemical industries. Przem chem 39 no.11:693-694 '60.

1. Biuro Projektow Frzemyslu Organicznego, Warszawa

POTYMSKI, Jan

Spilling's motors for the chemical industries. Przem chem 39 no.11:694-695 '60.

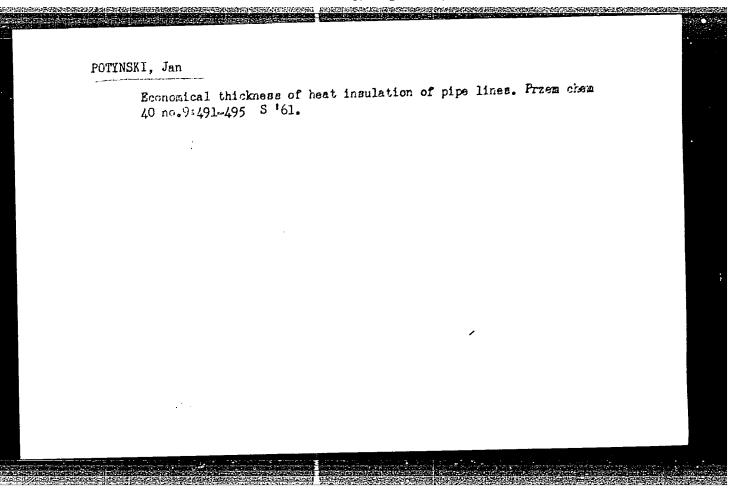
1. Biuro Projektow Przemyslu Organicznego, Warszawa



POTYMSKI, J.; SOPOTKOWSKI, W.

"Energetistic Measurements of a Carbide Furnace", p. 589, (FREENSL CHEMICZNY, Vol. 10, No. 12, Dec. 1954, Warszawa, Poland)

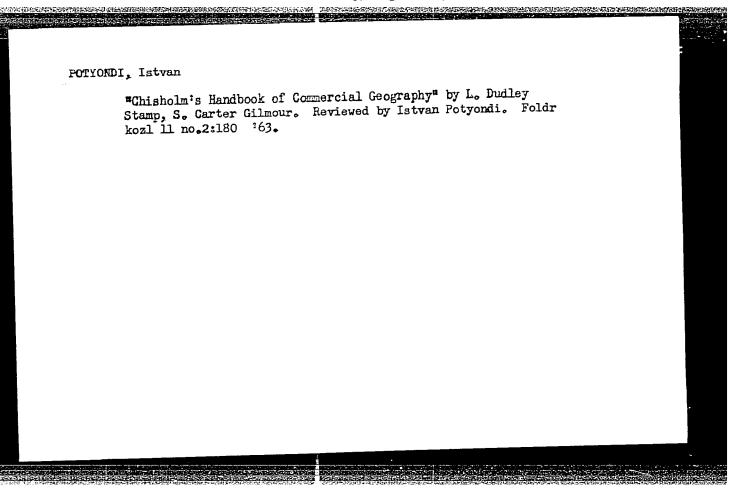
SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4, No. 5, Noy 1955, Uncl.

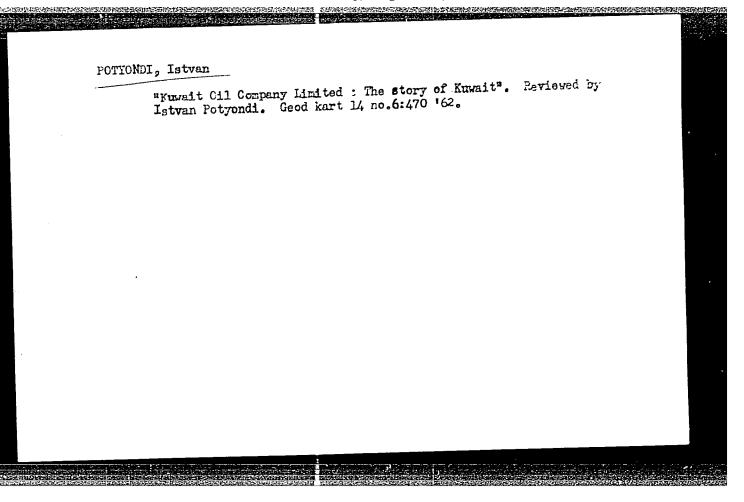


POTYNSKI, Jerzy, mgr inz.

Modern passenger car produced by the Railroad Rolling Stock
Repair Shops in Ostrow Wielkoposki. Przegl kolej mechan

13 no.9:280-281 S \*61.





POTYRA T.

POLAND/Diseases of Farm Animals. Diseases Caused by Viruses R and Rickettsiae.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40621.

Author : Pityra, Tadeusz

Inst

Title : Some Remarks About Papillomasis Treatment of Large

Animals.

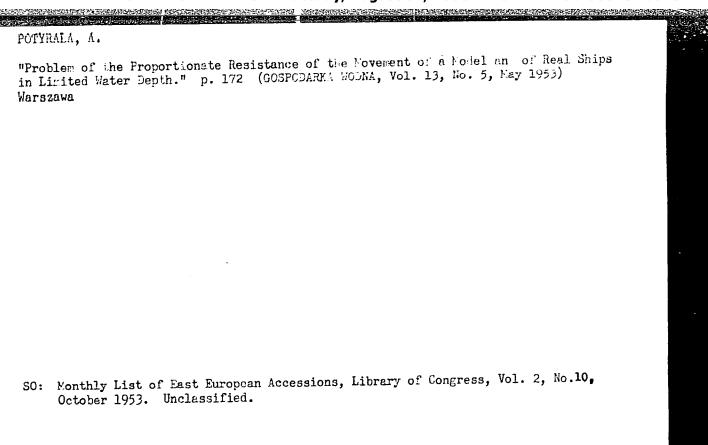
Orig Fub: Med. weteryn., 1956, 12, No 7, 432-433.

Abstract: Recovery occurred after the second treatment and after

a three-time autovaccination. An autovaccine was prepared by grinding 10 grams of killed papillomae with 50 milligrams of glycerine. After being filtrated through gauze, the suspension was administered subcutaneously in a dose of 15 milligrams every 4 days.

Card : 1/2

# The problem of one transportation in small frei ht and trusp salps. p. 212 (Technike I Gosvedaka Moreka. Vol. 6, no. 7, Aug. 10%. Gdansk, Pland) Lonthly Index of East European Accessions (PEAT) 10. Vol. 7, no. 2, February 1958



```
DOWZENKO, Anatol POTRALA, MANdres.)

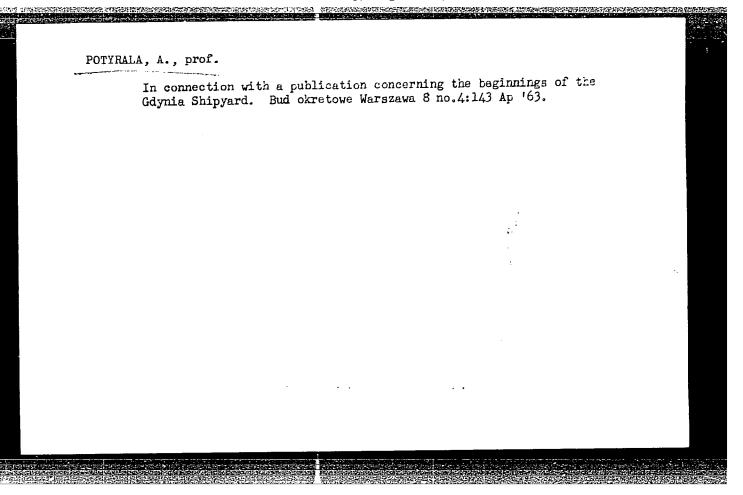
Light post insulin hypoglycemic state as an analgetic treatment of diseases of the nervous system. Neurologia etc. polska 4 no.5: 521-524 Sept-Oct 54.

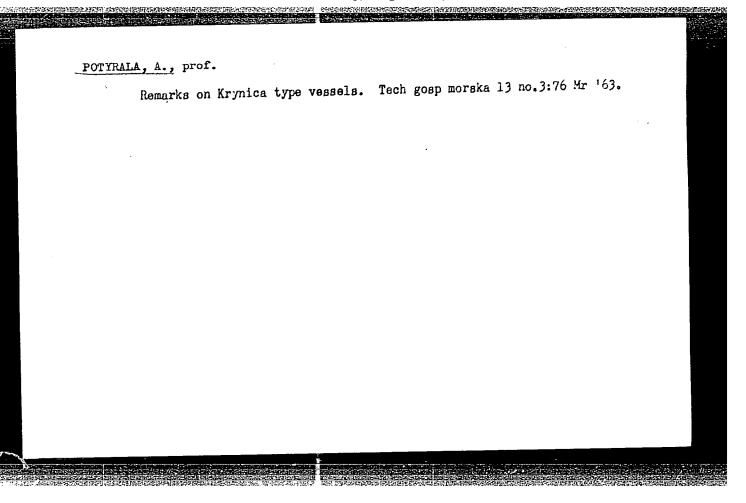
1. Z Kliniki neurolog. A.M. w Poznaniu - kierownik prof. dr.
A.Dowzenko

(CENTRAL NERVOUS SYSTEM, diseases analgetic ther. post insulin hypoglycemia)

(HYPOGLYCEMIA post insulin, analgetic ther. of CNS dis.)

(INSULIN, effects hypoglycemia, analgetic ther. of CNS dis.)
```





POTYRALA, Aleksander, prof.

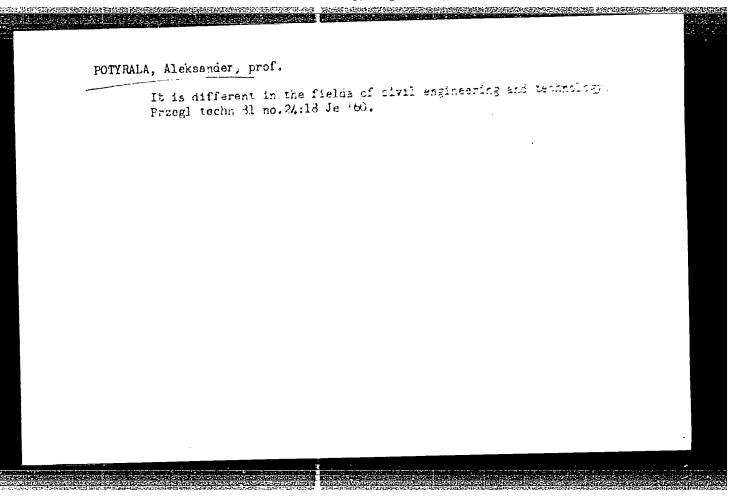
Technical progress has been a common cause of all shipbuilders.
Bud okretowe Warszawa 8 no.4:109-111 Ap '63.

# POTYRALA, Aleksander In search of historical truth without apology or apologetics. Bud okretowe Warszawa 8 no.1:7 Ja '63.

POTYRALA, Aleksander, prof.

An example of good cooperation aiming at technical progress. Bud okretowe Warszawa 9 no.4:115-116 '64.

1. Technical University, Gdansk.



POTYRALA, Aleksander, prof.

Certain erroneous construction concepts in the rules of some classification societies. Bud okretowe Warszawa 8 no.12:409-413, 414 Dt63.

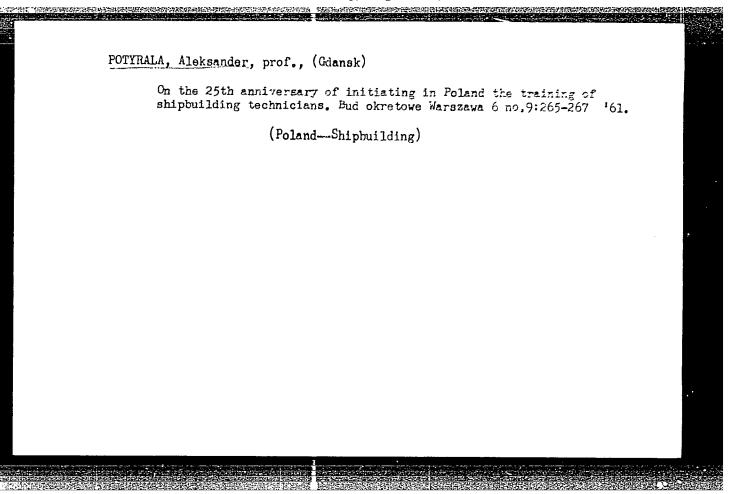
1. Politechnika, Gdansk.

POTYRALA, Aleksander, prof.

Problems connected with the disproportion of the strength of transverse tying points of ship hulls. Bud okretowe Warszawa 6 no.8: 241-246 '61.

1. Politechnika Gdanska.

(Ships) (Strains and stresses)



POTYRAIA, Aleksander, prof.

What has been expected from graduates of technical graduate schools? Przegl techn [84] no.44:7,8 4 N '62.

1. Politechnika, Gdansk.

# POTYRALA, Aleksander, prof.

Deliberations on the noncontinuous strength of bracketed connections and new concepts of certain internal bindings in the construction of ship hulls. Buk okretowe Warszawa 8 no.2:46-51 F '63.

1. Politechnika, Gdansk.

POTYRALA, Aleksander, prof.

Problem of cooperation of science and industry in theory and practice.
Przegl techn no.52:3 30 D '62.

1. Politechnika, Gdansk.

POTYRAIA, Aleksander, prof.

Training of ship building engineers in the field of labor safety and hygiene. Bud okret 7 no.4:103-105 Ap '62.

1. Politochnika Gdanska.

POTYRALA, Aleksander, prof.

Problems of the proper directions and methods of training graduated shipbuilding engineers. Bud okretowe Warszawa 7 no.9:283-288 S '62.

1. Politechnika, Gdansk.

and the second s	A, Aleksander, pro	Przegl techn no.45:7-9 11	
	l. Politechnika,		

POTYRAIA, Aleksander, (Gdansk)

On the need of research in the history of Polish shipbuilding. Bud okretowe Warszawa 7 no.10:319-321 0 162.

WIEWIORSKI, S., mgr., inz.; POTYRALA, A., prof.

Plans for coastal passenger ships; a discussion. Tech gosp morska ll no.9:267-270 161.

l. Politechnika Gdanska.

BURCZYNSKI, Eugeniusz; KORYCKI, Ziemowit; POTYRALA, Boleslaw.

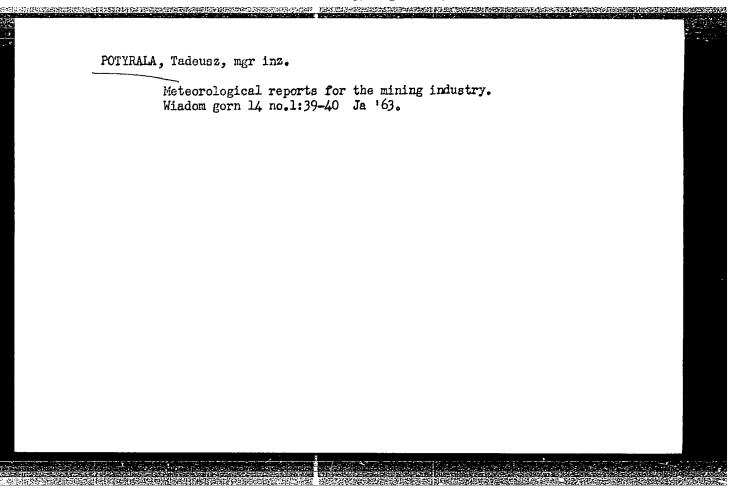
Apropos of epistaxis in children during the influenza epidemic in 1958-1962. Otolaryng. pol. 17 no.4:465-468 63.

1. Z I Oddzialu Otolaryngologii Dzieciecej Klinik Dzieciecych Akademii Medycznej w Warszawie. Kierownik: doc.dr.med. J.Danielewicz.

POTYRALA, Bolesław; SOBIESZCZANSKA-RADOSZELSKA, Lucja; URBANSKA, Izabela.

Studies on hearing in children. Otolaryng. pol. 17 no.4: 377-379 \*63.

1. Z Instytutu Matki i Dziecka i z Kliniki Otolaryngologii Dzieciecej .Kierowhik: lek. D.Borkowska-Goertig.



POTTRALLO A. Klin. Chorob nerw. Akad. med. w Poznaniu. Powrozkowe zwyrodnienie rdzenia a pelagroidy Myelosis funicularis pellagroid diseases Neurol.

Neurochir. Psychiat. polska 1951, 1/3 (161-176)

Description of 4 cases of myelosis funicularis with no marked blood changes
in which there were symptoms of pellagroid disease. The deficiency of vit.

B2 is supposed to be the cause of these pellagroid symptoms (changes in the
skin, alimentary, mental and visual disturbances).

Jakimowicz - Krakow

SO: Excerpta Medica, Section VIII, Vol 5, No 10

# POTYRALIO, A. Degeneration of the spinal cord and pellagroids. Neurol. neurochir. (CLML 21:5) psychiat. polska 1 no.3:161-176 1951.

1. Of the Neurological Clinic (Head--Prof. A. Dowzenko, M.D.) of Poznan Medical Academy.

BEREZHNOY, A.I.; KULAGIN, P.G.; POTYUKAYEV, M.A.; SIMONOV, V.V.

Possibilities of making clayless drilling fluids from polymeric coagulants and brines. Izv. vysh. ucheb. zav.; neft' i gaz 6 no.3:29-34 '63. (MIRA 16:7)

1. Khar'kovskiy gosudarstvennyy universitet imeni A.M. Gor'kogo, Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta gaza i iskusstvennogo zhidkogo topliva, i Khar'kovskiy sovet narodnogo khozyaystva. (Oil well drilling fluids)

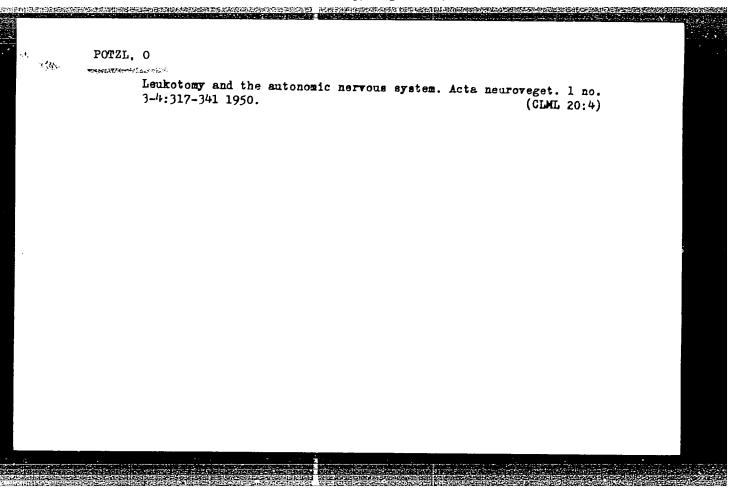
ZHOLKOVER, T., inzhener-mayor; retrady, 1., inzhener-polkovnik;

FOTTUROV, N., inzhener-mayor

Periodicity of operational testing. Av. i kosm. 46 no.5:49-51

My 164.

(MIRA 17:7)



CZECTOSLOVALIA

POUBA, A.

Prague, Casovis pro mineralogii a geologii, No 2, 1364, pp 241-

"Symposium on the Origin of Postmagmatic Mystery."

ALMAYOLEON CERN

#### POUBA, Z.

Natural Science Faculty of Charles University (Irirodovedecka fakulta Karlovy university), Prague

Prague, Casopis pro mineralogii a geologii, No 4, 1964, 15 500-501

"Sixteenth Mining Session at Freiberg."

PCUBA, Z.

20th International Geological Congress in Mexico. p. 35. (Rudy, Vol. 5, No. 1, Jan 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

POUBA, Z.

Spinar, 2. Stratigraphic situation in the environs of the zaolin deposit near Chlumcany in the southern part of the Fizen basin. p.145.

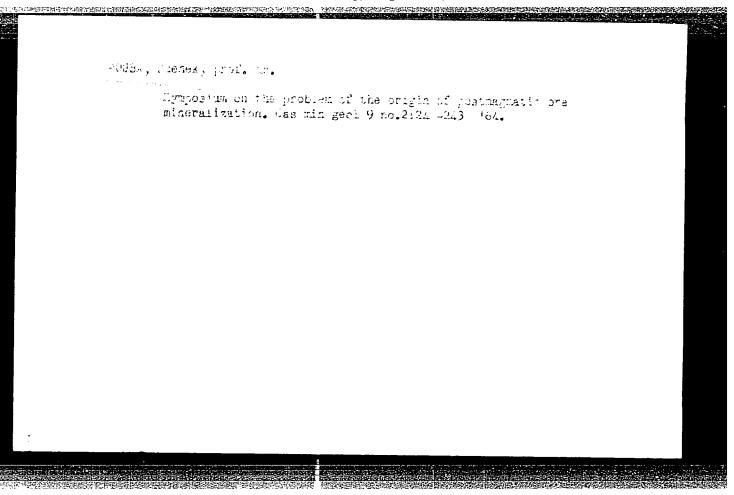
VESTNIK, Pregue, Vol. 29, no. 4, 1954.

SO: Monthly List of East European Accessions. (EEAL), IC, Vol. 5, No. 6 June 1956, Uncl.

POUBA, Zdenek, prof. RNDr., kandidat geologicko-mineralogickych ved

Some formal shortcomings in geologic publications. Geol pruzkur
6 no.8:241-242 Ag '64

1. Charles University, Faculty of Natural Sciences, Prague.



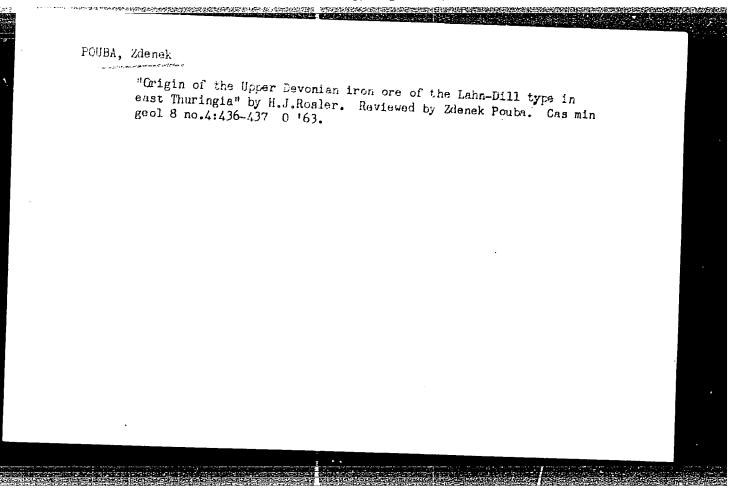
POUBA, Z.

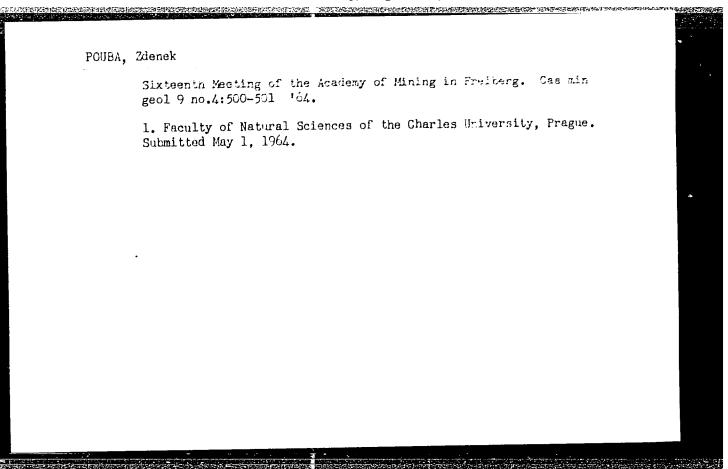
GEOGRAPHY & GEOLOGY

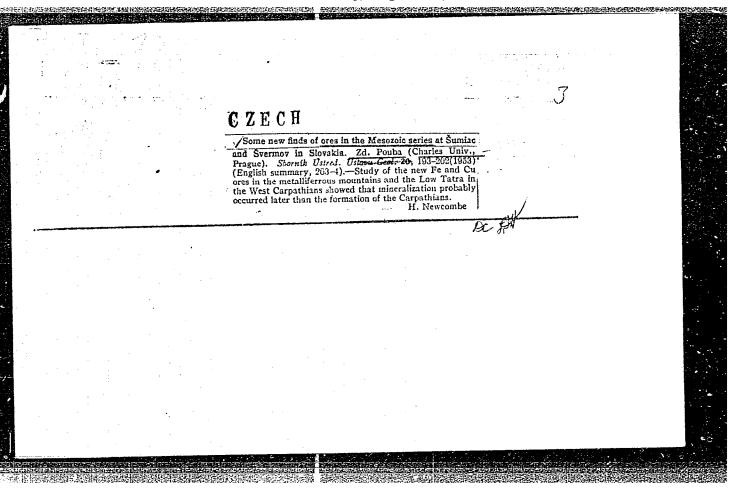
PERIODICAL: VESTNIK. Vol. 33, no. 3, 1958.

POUBA, Z. The geology of Mexico, p. 219.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2, Feb 59, Unclass.







Pouc, le

I-26 CZECHOSLOVAKIA/Chemical T chnology. I-26 Chemical Products and Their Application--Synthetic

fibors.

Abs Jour: R 'Zhor-Khimiya, No 3, 1957, 10087

Author Pouc, K. Not given Inst

Removel of Monomer and Size from Nylon Fiber and Title

Silk /Sic/

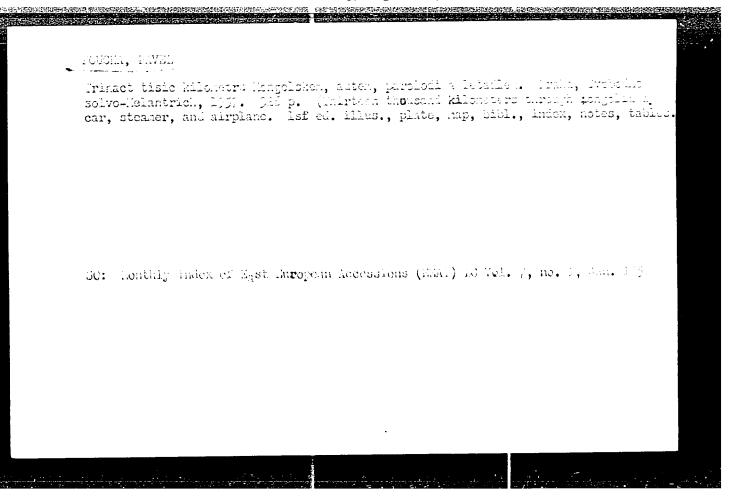
Textil, 1955, Vol 10, No 3, 88-89 (in Czcch) Orig Pub:

The presence of monomer and size on nylon fibers Abstract:

may have underiable effects on the further processing of the fiber and must therefore be removed. The size, usually consisting of mineral oils to which cmulsifying agents have been added, is determined by extracting twice with gasoline, distilling the gasoline, and drying the residue to constant weight at 70°. For the determination of the monomer the nylon sample from the preced-

Card 1/2

L 33201-66	
ACC NR: AP6023816 SOURCE CODE: CZ/0014/66/000/001/0020/0020	
AUTHOR: Poucha, Karel (Engineer)	
ORG: none	
TITIE: Voltage calibrator for oscilloscopes	4
SOURCE: Sdelovaci technika, no. 1, 1966, 20	
TOPIC TAGS: oscilloscope, voltage regulator, circuit design, instrument calibration equipment	
ABSTRACT: The article discusses the problem of control of the voltage fed to oscilloscopes and the requirements to be met by voltage calibrators for such equipment. It presents a description and the circuit of a calibrator meeting those requirements.  Orig. art. has: 4 figures. [JPRS]	
SUB CODE: 09, 13 / SUBM DATE: none	
Card 1/1 , la) 07/3 1545	



POUCHKAROVA, Z. V.

\*Recherches dans la serie de la phenazine. Communication II. \*\* Pouchkarova. Z. Y., Postovskij, I. J. (p. 163)

SO: Journal of General Chemistry (Zhurnal Obschei Khimii) 1938, Volume 8, No. 2

#### POUCHLY, J.

The kinetics of adsorption form solutions, Part 3: The effect of the shape of adsorbent particles. Coll Cz Chem 25 no.5:1397-1412 My '60.

1. Department of Physical Chemistry, Institute of Chemical Technology, Prague.

POUCHLY, J.

Sorption isotherms for some more complex models of the sorption mechanism. Coll Cz Chem 29 no.2:457-463 F '64.

1. Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague.